

DE2518420 (= DT 2518420)

Title: Mixing silo for particulate solids, e.g. granular plastics, - divided into segmental cells with common rotary feeder

Patent Data

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Abstract

Basic Abstract

DE2518420 A In a plant for mixing flowable particulate solid materials which incorporates a number of adjacent cells uniformly filled by a rotating feeder, the cells (2) are sector shaped and arranged in a circle around an empty central shaft (5). The end faces of the cells (2) which adjoin the central shaft (5) have outlet openings (6) at various heights, and the outlet openings (6) from each cell (2) connect into a collection pipe (4) serving only that cell (2).

ADVANTAGES

The division of the silo into cells having relatively small hydraulic dias. results in high outflow velocities and eliminates core-flow. This gives a high mixing efficiency with min energy input and attrition.

Patentee, Inventor

Patent assignee: (BUTT-) BUTTNER-SCHILDE-HAA

Accession Codes

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Codes

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